

Item no.: UPS-EDAI-X70864-UL02

## UPS-EDAI-X70864-UL02 - UP Squared AI Edge [8 GB RAM & Wi-Fi & LTE-Global]

# 762,20 EUR

Item no.: UPS-EDAI-X70864-UL02  
shipping weight: 1.70 kg  
Manufacturer: UP Bridge the Gap



### Product Description

UPS-EDAI-X70864-UL02 - UP Squared AI Edge [8 GB RAM & Wi-Fi & LTE-Global]

The UP Squared edge compute system is your IoT and AI development platform, running Ubuntu. You'll connect your monitor, keyboard, mouse, and Ethernet, and use this platform to write your code.

- Intel(R) Apollo Lake SoC ATOM x7-E3950, 8 GB LPDDR4 memory, 64 GB eMMC storage
- 2x Gigabit LAN, 1x HDMI, 1x DP, 3x USB 3.0, 1x USB 3.0 OTG
- AI Core X VPU integrated [AI deep learning module]
- Ubuntu image pre-loaded

[8 GB RAM]: Wi-Fi+BT+LTE-Global version with SIM card, including power supply, and US + EU power cord.

Basic info

- Part number: UPS-EDAI-X70864-UL02
- Mainboard: UP Squared
- Availability: Active

System level spec

- SoC: Intel(R) Atom(TM) x7-E3950 (up to 2.0 GHz)
- # of cores: 4
- Graphics: Intel(R) HD Graphics 505
- VPU: Built-in Intel(R) Movidius(TM) Myriad(TM) X
- FPGA: Intel(R) FPGA Altera MAX 10
- Memory: 8 GB
- eMMC: 64 GB
- BIOS: UEFI
- RTC: Yes
- Wake on LAN (WoL): Yes
- Watchdog timer: Yes
- PXE: Yes
- Compatible OS: Microsoft Windows 10 full version, Linux (ubinux, Ubuntu, Yocto), Android
- Pre-installed OS: Ubuntu 16.04
- Power requirement: 5 V DC-in (at) 6 A, 5.5/2.1 mm jack
- Power supply type: AT (default)/ATX
- Power consumption (typical): 18 Watt
- Dimensions: 132.5 x 120 x 58.4 mm
- MTBF (hours): 173,446 hours

Display

- HDMI: 1 (HDMI 1.4b)
- Display port: 1x (DP 1.2) 4K (at) 60 Hz

I/O

- USB 2.0 type A: 2x
- USB 2.0 pin header: 2x
- USB 3.0 type A: 3x
- USB 3.0 OTG Micro B: 1x
- HDD interface: 1x SATA 3.0
- Expansion slot: Occupied by LTE module
- 40-pin GP bus: 1x
- SIM slot: Yes

#### Connectivity

- Ethernet: 2x GbLAN (RealTek RTL8111H-CG)
- Wi-Fi: Wi-Fi 802.11 AC 2T2R
- Bluetooth: Bluetooth v4.2 (BLE)
- LTE/4G: LTE (global)

#### Cooling

- Cooling: Passive cooling (fanless)

#### Environment

- Operation temperature: 32°F ~ 122°F (0°C ~ 50°C)
- Storage temperature: -40°F ~ 176°F (-40°C ~ 80°C)
- Operation humidity: 0% ~ 90% relative humidity, non-condensing
- Certification: CE/FCC Class A
- Radio certification: CE RED 2014/53/EU, FCC Part 15B & ICES-003 issue 6

#### Longevity

- Longevity: 2031

#### Others

- Accessories: 1x UP Squared Edge Compute, 2x Wi-Fi antennas, 2x LTE antennas, 1x power supply, 1x U.S. power cord, 1x EU power cord, 1x quick start guide to activate SIM card, 1x quick start guide for UP Squared

## Specifications

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